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PATENT

Docket No. **10448-061001(MPI2000-252P1RM)**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: *Rory A.J. Curtis*

Appl. No.: 09/875,321

Group Art Unit: 1646

Filed: June 6, 2001

Examiner: Michael D. Pak

For: 52906, 33408, AND 12189, NOVEL POTASSIUM CHANNEL FAMILY MEMBERS AND USES THEREFOR

January 22, 2003

U.S. Patent and Trademark Office  
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## AMENDMENT

Sir:

In response to the Notice to comply with requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosure dated October 2, 2002. Applicants respectfully request reconsideration of the above- identified application in view of the following amendments and remarks.

The Examiner is respectfully requested to enter the following amendments.

Enclosed is the following Exhibit A: Version With Markings To Show Changes Made.

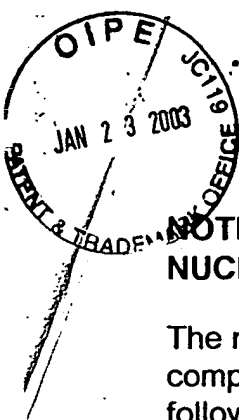
In the specification:

Please amend page 9 Figure 4C without prejudice or disclaimer to read as follows:

Figure 4C-D depicts an alignment of the amino acid sequence of human 33408 (upper sequence; SEQ ID NO:5) with the amino acid sequence of rat Eag2 (lower sequence; Accession Number AF185637; SEQ. ID NO:12).

01/28/2003 MBLANCO 00000010 501668 09875321

01 FC:1253 930.00 CH



Application No.: **09/875,321**

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☒ 7. Other: Page 9, figure 4C of specification discloses sequences which is not identified by SEQ ID NO:.

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**